

APPLICATION

PERCOLATION TESTING

A 513618-00

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jared T. Healy, Trustee and M. Charlotte Powel, Trustee

ADDRESS 10715 Charter Dr., Columbia, MD 21044 PHONE 410-730-4545

AGENT OR PROSPECTIVE BUYER Floyd Lane, L.L.C. CONTACT: Tim Feaga, Heritage Land Develop

ADDRESS P.O. Box 999, Columbia, MD 21044 PHONE 410-489-7900, ext. 11

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 35 39

ROAD AND DESCRIPTION Buckskin Woods Drive, Ellicott City, MD 21042

TAX MAP 22 PARCEL # 77, 283 and 74

SIZE OF LOT 1 acre TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

B. James Crawford
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

88A

topsoil

br ag
br
sa cl lm

pale org
br

to
med pk
br

sa mica
lm

15%
sapr
sh

SOIL PROFILE

Empty vertical box for soil profile notes.

		88A -25-⊗		

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-15-00	88A	3.0'S	12:23	12:25	12:25	12:28	3
		12.0' D	Visual	-see	profile		OK

REMARKS ⊗ = test hole not staked

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT C. Zepp, T. Peoga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

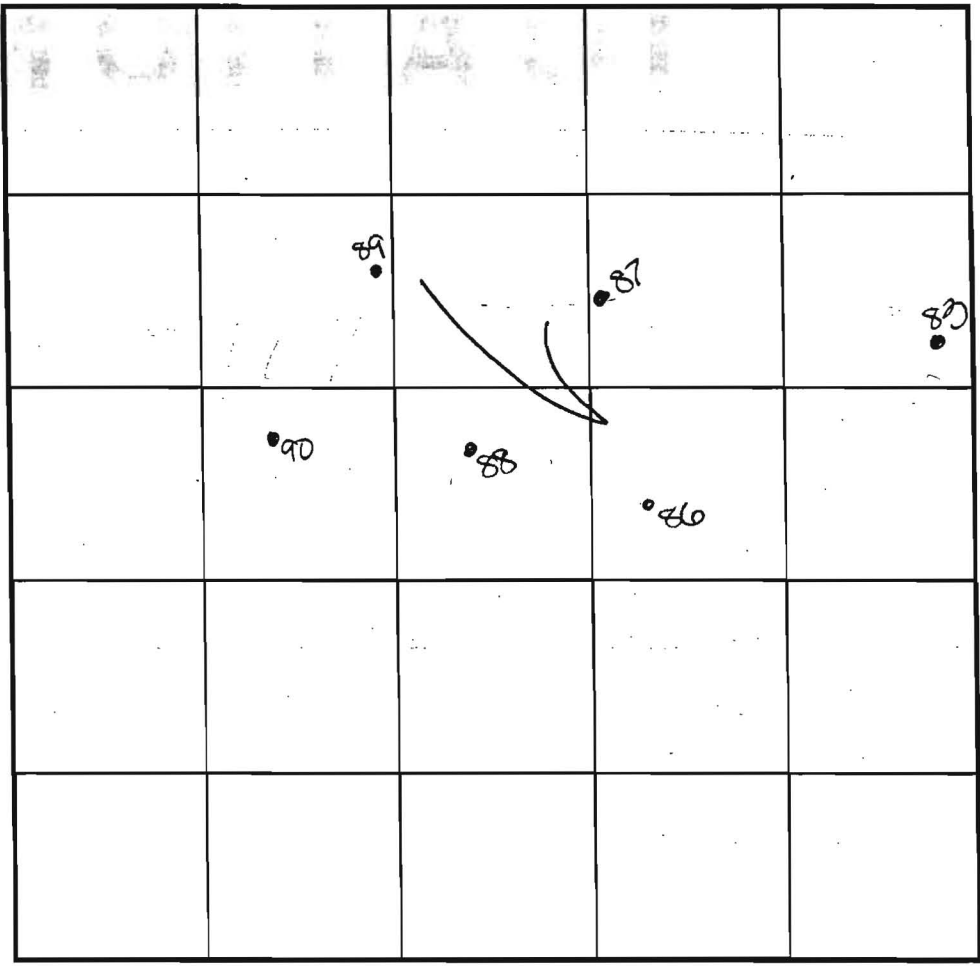
COUNTY #

SOIL PROFILE

0' topsoil
 6" dull org brn sa cl lm
 1.5' med org to red brn sa mica lm
 1.5' 15% sscr sh

89/90
 0' topsoil
 6" med org brn cl lm
 4' med org red brn sa mica lm
 1.5' 20% sscr sh

87
 0' topsoil
 6" dull org brn cl lm
 3.5' med pk brn sa mica lm
 1.5' 15% sscr sh



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' topsoil
 6" org brn sa cl lm
 4' med org to red brn sa mica lm
 8' 50% sh
 10' Hard
 6" topsoil
 6" org brn sa cl lm
 6.5' med org brn sa mica lm
 9.5' >50% sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-27-00	86 ✓	4.0' S	3:04	3:06	3:06	3:08	3
		13.0' D	visual	- see	profile		OK
	88 ✓	8.5' D	Hard	- see	profile		FAIL
	89 ✓	3.5' S	3:15	3:27	test stopped		OK barrel
		4.0' M	3:30	3:35	3:35	3:43	8
		11.0' D	visual	- see	profile		OK
	88 ✓	10.0' D	Hard	- see	profile		FAIL
	87 ✓	12.5' D	visual	- see	profile		OK
	90 ✓	11.5' D	visual	- see	profile		OK

REMARKS: holes tested as stated

TYPE OF SOIL _____
 TESTED BY DKS ALSO PRESENT C. Zepp, T. Feaga
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

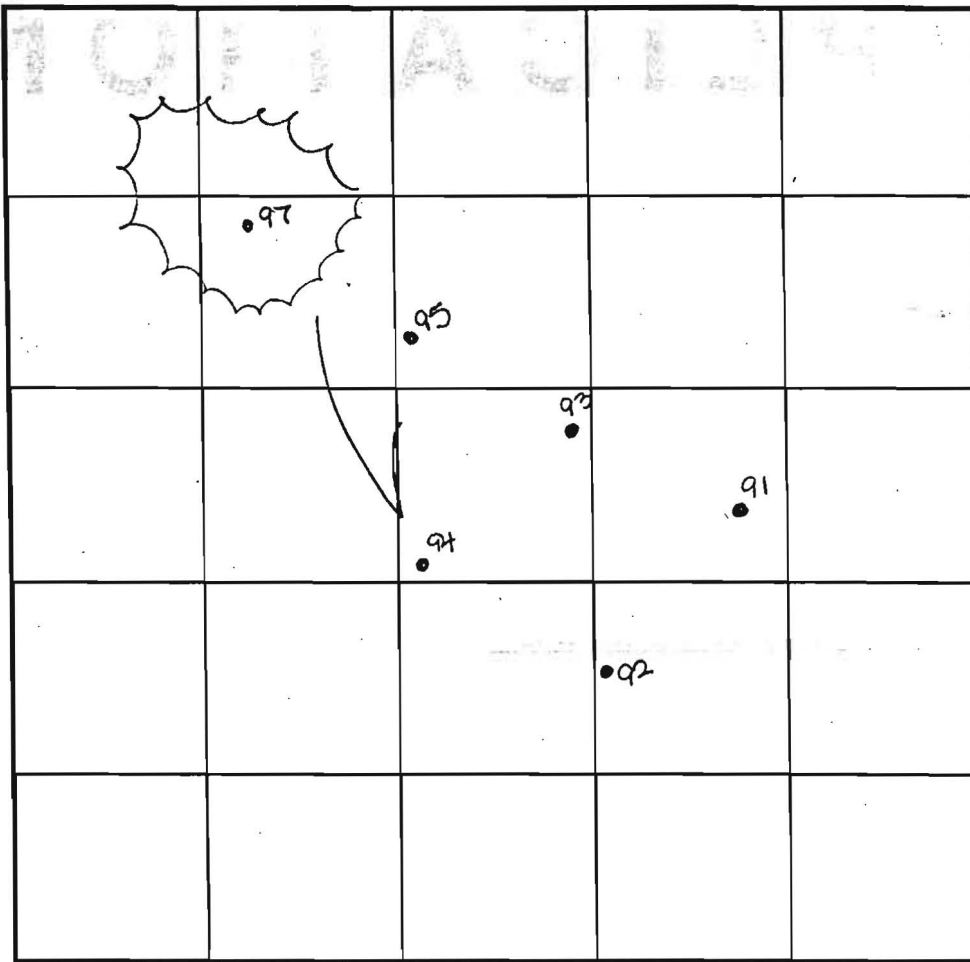
91/95/97

0'
6"
35'
4"
3'

topsoil
org brn
sa cl lm

med
pk brn
sa mica
lm

w/ 25%
sap
sh



SOIL PROFILE

0'

92/94

like
91

w/ 13%
sap
sh

2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-4-00	91	4.0'S	10:24	10:25	10:25	10:27	2
		13.0'D	visual	-see	profile		OK
	92	12.0'D	visual	-see	profile		OK
	93	12.0'D	visual	-see	profile		OK
	94	5.0'S	10:35	10:36 ₃	10:36 ₃	10:38 ₂	2
		12.5'D	visual	-see	profile		OK
	95	4.0'S	10:40 ₃	10:52 ₃	10:52 ₃	11:01 ₃	9
		11.5'D	visual	-see	profile		OK
	97	12.0'D	visual	-see	profile		OK

REMARKS notes tested as stated

TYPE OF SOIL

TESTED BY DKS

ALSO PRESENT C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

0'
6"
4'
2'

93
topsoil
org brn
sa cl
lm

pale
pk below
sa mica
lm

10%
sap
sh

COUNTY #

SOIL PROFILE

2/21/20

topsoil

br
org bm
clm

med
pe bm
sa mic
lm

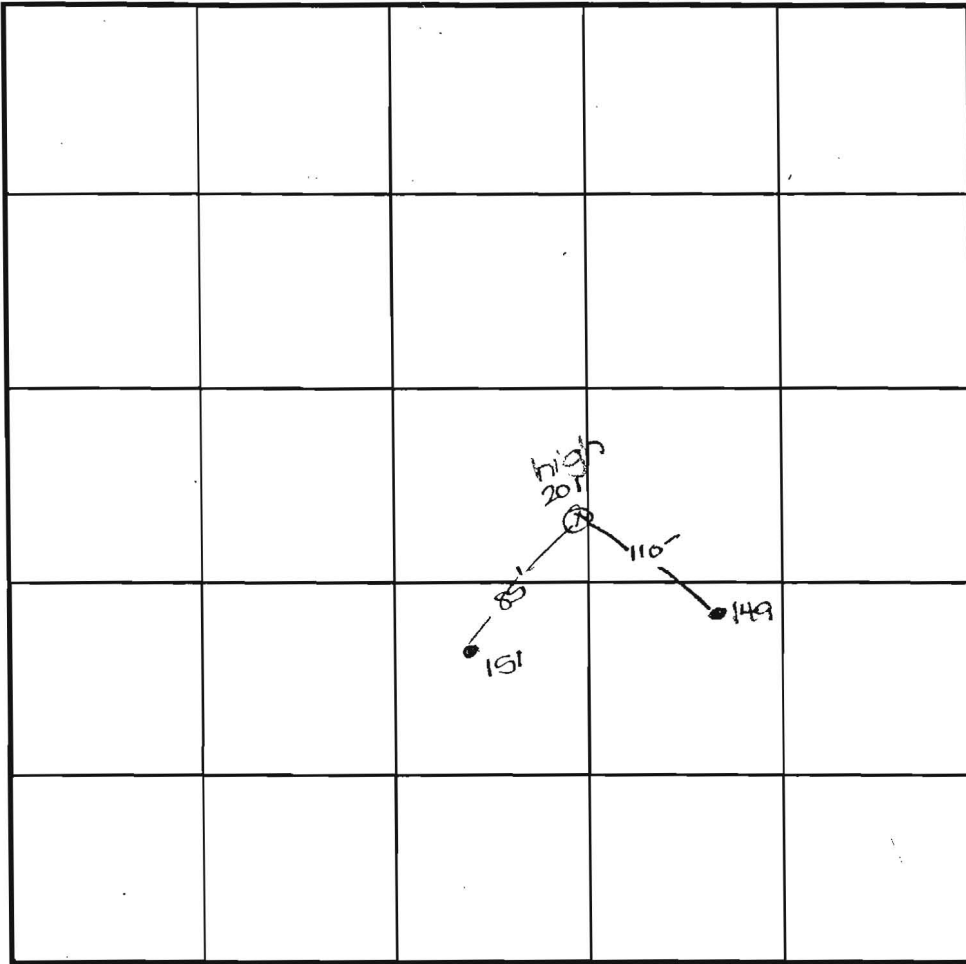
15%
sapr
sh

151

like
149

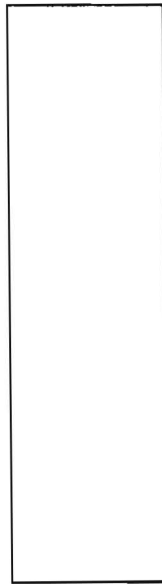
2/20/20

sapr
sh



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-14-00	149	3.5' S	3:26	3:33	3:33	3:40	7
		12.0' D	visual	- see	profile		OK
	151	3.0' S	3:27 ₃	3:29 ₃	3:29 ₃	3:33 ₃	4
		12.5' D	visual	- see	profile		OK
	201	13.0' D	visual	- see	profile		OK

REMARKS holes tested as stated except 201

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT C. Zepp, T. Feaga

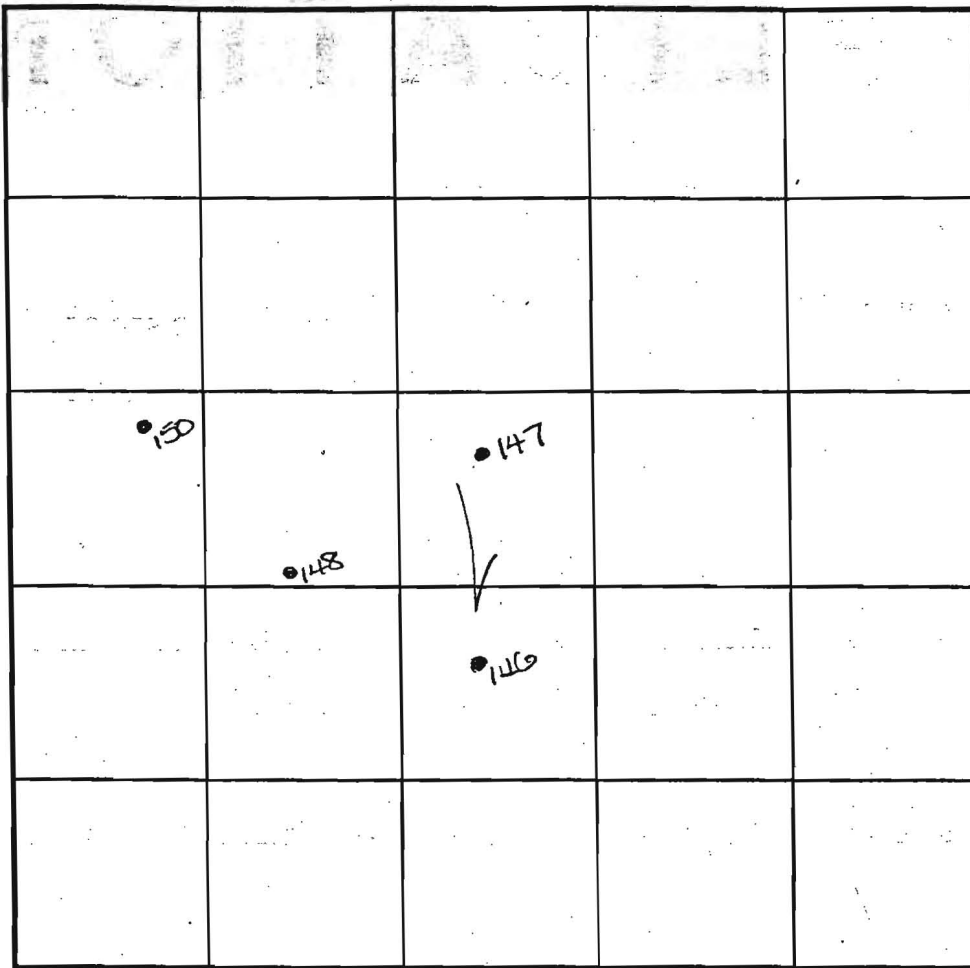
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

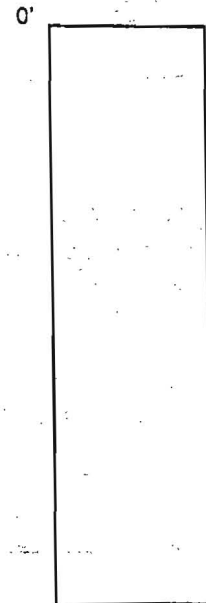
COUNTY #

SOIL PROFILE
147

top soil
br org brn cl lm
pale org tan to
pk tan sa mica lm
5-10% sapr sh



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

top soil
br org brn cl lm
med pk to lt brn sa mica lm
15% sapr sh

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-14-00	147 ✓	3.5'S	12:52	12:56 ₃	12:56 ₃	1:04	8
		14.0'D	Visual	- See	profile		OK
	146 ✓	4.0'S	12:58	1:00	1:00	1:02 ₃	3
		12.0'D	Visual	- see	profile		OK
	148 /	4.0'S	3:11 ₃	3:14	3:14	3:20	6
		13.5'D	Visual	- see	profile		OK
	150 -	4.0'S	3:21 ₃	3:22 ₃	3:22 ₃	3:24 ₃	2
		13.0'D	Visual	- see	profile		OK

REMARKS

holes tested as stated

TYPE OF SOIL

TESTED BY

DKS

ALSO PRESENT

C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

**FISHER, COLLINS
& CARTER, INC.**

*CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS*

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.

October 13, 2004

John Boris, Chief
Development Coordination Section
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

RE: Buckskin Ridge
Lot 39
4324 Buckskin Wood Drive
Ellicott City, MD 21042

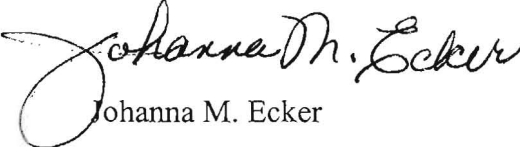
Dear Mr. Boris:

On behalf of our client, Columbia Builders, Inc., we request a revision to the septic easement for the above referenced lot. The area of change is approximately 4800 sq. ft.

The perspective buyer has requested the revision in order to rotate the house and allow for future improvements in the rear. A Percolation Test and Site Evaluation Application and review fee (\$506.00) has been submitted with this request.

Please review the attached drawing showing the new house location and revise septic easement. Do not hesitate to notify our office should you have any questions or require additional information you may need.

Very truly yours,
Fisher, Collins & Carter, Inc.


Johanna M. Ecker

WO #61700